

## § 74.661

(c) The license of a TV auxiliary station may replace transmitting equipment with authorized equipment, as detailed under paragraph (f) of this section, without prior FCC approval, provided the proposed changes will not depart from any of the terms of the station or system authorization or the Commission's technical rules governing this service, and also provided that any changes made to authorized transmitting equipment is in compliance with the provisions of part 2 of the FCC rules concerning modifications to authorized equipment.

(d) Any manufacturer of a transmitter to be used in this service may authorize the equipment under the certification or verification procedure, as appropriate, following the procedures set forth in subpart J of part 2 of the FCC rules.

(e) An applicant for a TV broadcast auxiliary station may also authorize an individual transmitter, as specified in paragraph (f) of this section, by following the procedures set forth in subpart J of part 2 of the FCC rules and regulations.

(f) Transmitters designed to be used exclusively for a TV STL station, a TV intercity relay station, a TV translator relay station, or a TV microwave booster station, shall be authorized under verification. All other transmitters will be authorized under the certification procedure.

[63 FR 36605, July 7, 1998]

## § 74.661 Frequency tolerance.

Stations in this service shall maintain the carrier frequency of each authorized transmitter to within the following percentage of the assigned frequency.

Frequency band (MHz)	Frequency Tolerance	
	Fixed (%)	Mobile (%)
1,990 to 2,110 .....	<sup>2</sup> 0.005	0.005
6,425 to 6,525 .....	.....	0.005
6,875 to 7,125 .....	<sup>2</sup> 0.005	0.005
12,700 to 13,250 .....	<sup>2</sup> 0.005	0.005
17,700 to 18,820 .....	0.003	.....
18,920 to 19,700 .....	0.003	.....
31,000 to 31,300 .....	0.03	0.03
38,600 to 40,000 .....	<sup>1</sup> 0.005	<sup>1</sup> 0.005

<sup>1</sup>For transmitters with an output power of 50 mW or less, the frequency tolerance need only be 0.05%.

## 47 CFR Ch. I (10–1–02 Edition)

<sup>2</sup>Television translator relay stations shall maintain a frequency tolerance of 0.002%.

[52 FR 7143, Mar. 9, 1987]

## § 74.662 Frequency monitors and measurements.

The licensee of a television broadcast auxiliary station must provide means for measuring the operating frequency in order to ensure that the emissions are confined to the authorized channel.

[48 FR 38482, Aug. 24, 1983]

## § 74.663 Modulation limits.

If amplitude modulation is employed, negative modulation peaks shall not exceed 100%.

[45 FR 78694, Nov. 26, 1980]

## § 74.664 Posting of station license.

(a) The station license and any other instrument of authorization or individual order concerning the construction of the equipment or manner of operation of the station shall be posted in the room in which the transmitter is located.

(b) Posting of the station license and any other instruments of authorization shall be done by affixing the license to the wall at the posting location, or by enclosing it in a binder or folder which is retained at the posting location so that the document will be readily available and easily accessible.

[28 FR 13718, Dec. 14, 1963, as amended at 48 FR 24385, June 1, 1983; 49 FR 29070, July 18, 1984; 50 FR 40015, Oct. 1, 1985]

## § 74.682 Station identification.

(a) Each television broadcast auxiliary station operating with a transmitter output power of 1 watt or more must, when actually transmitting programs, transmit station identification at the beginning and end of each period of operation, and hourly, as close to the hour as feasible, at a natural break in program offerings by one of the following means:

(1) Transmission of its own call sign by visual or aural means or by automatic transmission in international Morse telegraphy.

(2) Visual or aural transmission of the call sign of the TV broadcast station with which it is licensed as an auxiliary.